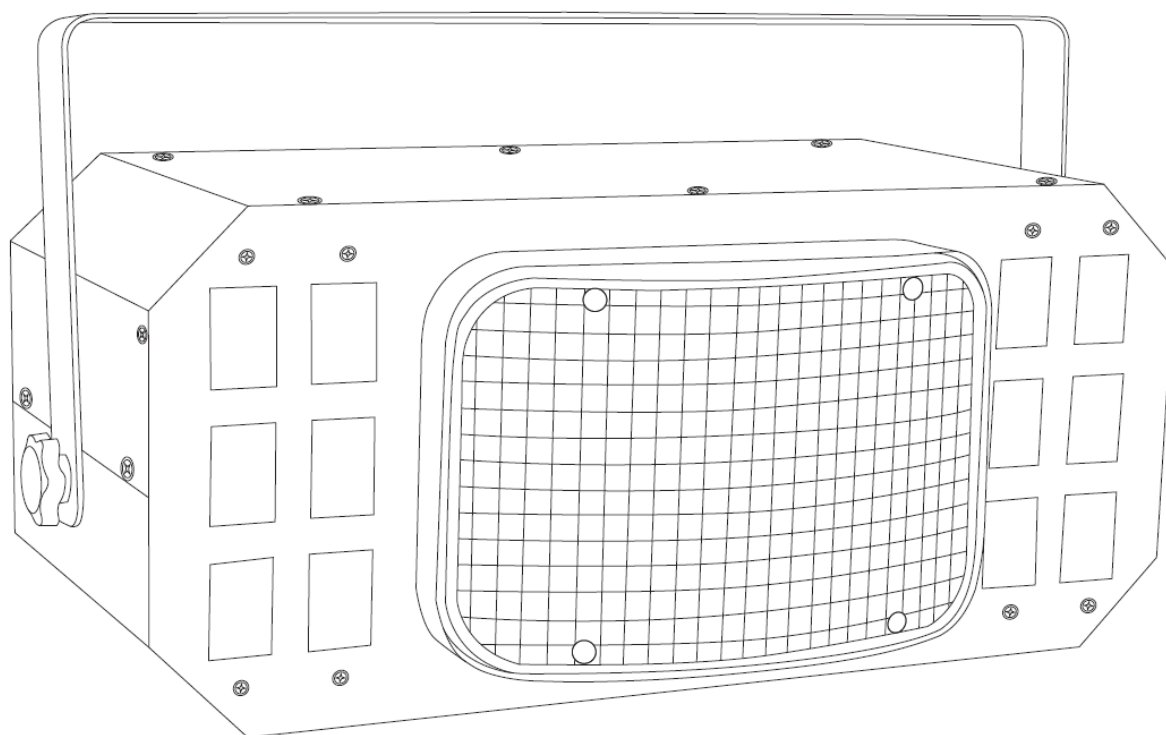# CORTINA

WIDE DERBY EFFECT + UV/STROBE

Item ref: 151.609UK

User Manual

Version 1.0

⚠ Caution: Please read this manual carefully before operating
Damage caused by misuse is not covered by the warranty

Introduction

Thank you for your purchase of the QTX CORTINA LED light effect. This model can deliver an extra wide array of colourful shapes coupled with powerful UV and strobe effects. Please read and keep this user manual to get the best from your purchase and avoid damage through misuse

SAFETY SYMBOL AND MESSAGE CONVENTIONS

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	AVIS RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR	

	This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit

	This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

Warning

To prevent the risk of fire or electric shock, avoid contact with moisture or humid environments.
No user serviceable parts inside – Do not open the case – refer all servicing to qualified service personnel.

Safety

Check for correct mains voltage and condition of power lead before connecting to a power outlet.

Placement

- Use the included mounting bracket to fix to a stand or lighting truss
- Use secondary safety fixings if mounting overhead.
- Ensure adequate airflow around the fixture housings
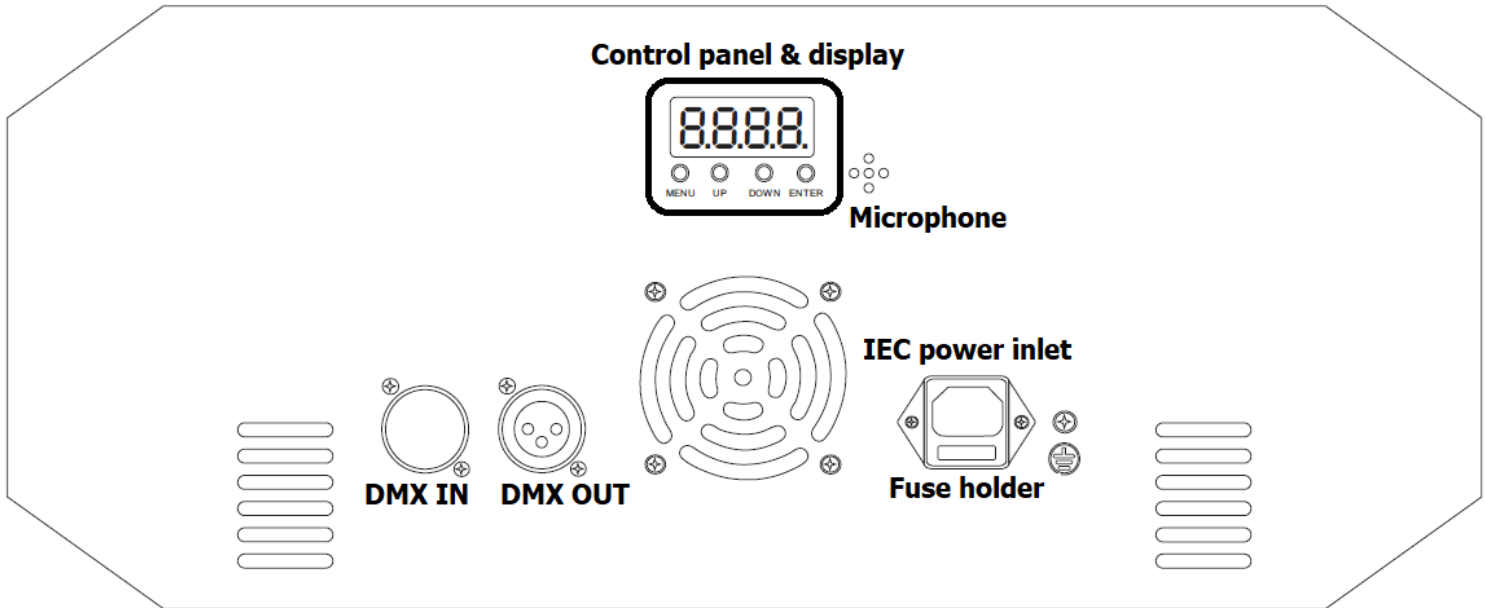- Ensure adequate access to controls and connections

Cleaning

- Use a soft cloth with a neutral detergent to clean the casing as required
- Do not use strong solvents for cleaning the unit

In the box

Please open the package carefully and check that all contents are present and in good condition.
Contact your retailer if any part is missing or broken.

- CORTINA LED light effect
- Mounting bracket
- UK mains plug to IEC lead

Rear panel

Standalone operation

Standalone settings for the CORTINA include Derby, Flash, UV on/off, Auto and Sound-activated modes.
From the onboard menu, it is possible to pre-set the operating mode as described in the table below.

Mode	Display	Function	Press ENTER	Press ENTER
*A*xxx	*A00 1 - A5 12*	DMX start address		
LE x	*LE 1*	Red derby	*SP 1 - SP 9* rotation speed	
	LE 2	Green derby		
	LE 3	Blue derby		
	LE 4	White derby		
	LE 5	Color change derby	*5d 1 - SP d* colour speed	*SP 1 - SP 9* rotation speed
	LE 6	Color mix derby	*5d 1 - SP d* colour speed	
	LE 7	Strobe derby	*5d 1 - SP d* strobe speed	
	LE 8	Auto colour derby	*5d 1 - SP d* colour speed	
*FL*xx	*FLoF*	Strobe off		
	FL 1 - 9	Strobe speed	*5d 0 - 5d 9* LED speed	*uAL0 - uAL9* White dimmer
*PU*xx	*PUOn*	UV On		
	PUOF	UV Off		
*AU*xx	*AU 1*	Auto Mode 1		
	AU 2	Auto Mode 2		
	AU 3	Auto Mode 3		
5x x	*5 1 1-20*	Sound Mode 1 (last 2 digits are beat steps)	*uoL 1 - uoL9* Mic. sensitivity	
	52 1-20	Sound Mode 2 (last 2 digits are beat steps)		
	53 1-20	Sound Mode 3 (last 2 digits are beat steps)		

DMX operation

The CORTINA light effect is also compatible with standard DMX512 control.
Connect a DMX controller to the CORTINA using an XLR DMX lead into the DMX IN connector (****)
Connect further DMX light fixtures that are being controlled from the DMX OUT connector (****) to the DMX IN of each fixture in a daisy-chain.

Set the DMX start address of the CORTINA and all other lighting fixtures in the chain to accommodate all the required channels for each. The CORTINA has 7 DMX channels and the table on the following page is described with the DMX start address set to *A001*

DMX Channel	Value	Function
1	001 - 009	UV off
	010 - 255	UV on
2	000	White LED off
	001 - 017	White LED 1 + 2 + 3 + 4
	018 - 035	White LED 2
	036 - 053	White LED 3
	054 - 071	White LED 4
	072 - 089	White LED 1
	090 - 107	White LED 2 + 3
	108 - 125	White LED 1 + 4
	126 - 143	White LED 3 + 4
	144 - 161	White LED 1 + 2
	162 - 179	White LED 2 + 4
	180 - 197	White LED 1 + 3
	198 - 215	White LED 2 + 3 + 4
	216 - 233	White LED 1 + 2 + 3
	234 - 251	White LED 1 + 2 + 4
	252 - 255	White LED 1 + 3 + 4
3	000 - 009	Derby off
	010 - 255	Derby colour combinations
4	000 - 042	Derby + White + UV
	043 - 084	UV only
	085 - 126	White only
	127 - 169	Derby only
	170 - 211	White + UV
	212 - 253	Derby + UV
	254 - 255	Derby + White
5	000 - 011	No Strobe
	012 - 255	Strobe - fast to slow
6	000 - 006	Rotation off
	007 - 146	Rotation position
	147 - 255	Continuous rotation from slow to fast
7	000 - 009	Manual Mode, Available from CH1-CH6
	010 - 049	Same as Auto mode 1, from fast to slow
	050 - 099	Same as Auto mode 2, from fast to slow
	100 - 149	Same as Auto mode 3, from fast to slow
	150 - 199	Sound Mode 1
	200 - 250	Sound Mode 2
	250 - 255	Sound Mode 3

Specifications

Power supply	110-240Vac, 50/60Hz (IEC)
Power consumption	60W
LED: power	2 x 10W RGBW derby + 12 x 4W UV/strobe
Modes	Auto, sound-activated, master-slave, DMX512
DMX connection	XLRM in, XLRF out
DMX channels	7
Dimensions	380 x 200 x 160mm
Weight	2.53kg